

Figure S1. HFD induced obesity and hyperglycemia. 8 weeks old male C57BL/6J mice were fed with a HFD or a ND diet for 16 weeks. The body weight (a) and the fasting blood glucose (b) were detected before the aortae were separated. *** $p < 0.01$. Error bar represents the standard deviation and p value was generated by t test.

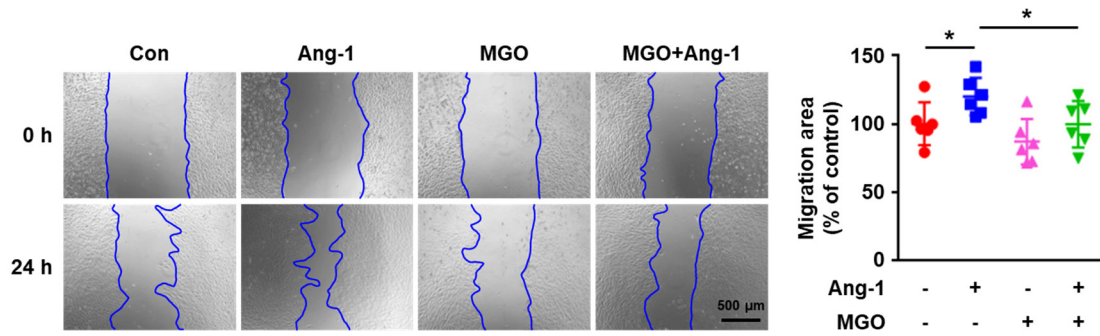


Figure S2. MGO inhibits Ang-1-induced endothelial cell migration. HUVECs were seeded onto 24-well plates, allowed to grown to 90% confluence and exposed to MGO (100 μ M) for 24 h. Then the cells were scratched with a 200 μ L pipette tip, followed by stimulation with Ang-1 (200 ng/mL) for 24 h. Photomicrographs were taken immediately after the scratch and after Ang-1 treatment. Representative images of 6 independent experiments are shown. The cell migration area was calculated and quantitative assessment was performed. * $p < 0.05$. Error bar represents the standard deviation and p value was generated by One-way ANOVA followed by post hoc comparison.